What Is Claimed Is:

1. A harvesting machine for harvesting stalk crops, such as maize or the like, having at least two cutting and intake units which have a series of drum-like cutting and intake elements rotatable about generally vertically axes, supporting elements to which the cutting and intake elements are fastened, first apparatus for pivoting one cutting and intake unit in one direction about a first pivot axis generally positioned in the direction of travel of the machine, and second apparatus for pivoting another cutting and intake unit about a second pivot axis in a direction opposite said one direction, whereby said one and other cutting and intake units can be pivoted in opposite directions.

2. A harvesting machine according to claim 1, including a base cutting and intake unit arranged centrally in front of the harvesting machine.

3. A harvesting machine according to claim 2, wherein the base cutting and intake unit extends generally across the entire width of the harvesting machine in a transporting position.

4. A harvesting machine according to claim 2, wherein said one cutting and intake unit is designed as an intermediate wing pivotably mounted on one lateral side of the base cutting and intake unit, and wherein said other cutting and intake unit is designed as an outer wing pivotably mounted on the intermediate wing, whereby the intermediate wing and the outer wing are pivotable in opposite directions.

5. A harvesting machine according to claim 4, wherein a second intermediate wing and a second outer wing are provided on a lateral side of the base cutting and intake unit opposite said one lateral side, whereby there are intermediate and outer wings on both sides of the base cutting and intake unit.

6. A harvesting machine according to claim 4, wherein said first apparatus is operative for pivoting the intermediate wing inwardly past an upright position to the transporting position.

7. A harvesting machine according to claim 4, wherein said second apparatus is operative for pivoting the outer wing and arranged so that the outer wing can be pivoted through 180° with respect to its adjacent intermediate wing.

8. A harvesting machine according to claim 5, wherein the base cutting and intake unit, the intermediate wings, and the outer wings each include a cutting and intake element.

9. A harvesting machine according to claim 5, wherein the intermediate wings on both sides and the outer wings on both sides are spaced from one another in the transporting position to provide a field of view at a centerline of the machine which is unimpaired by the intermediate wings and outer wings.

10. A harvesting machine according to claim 4, wherein the second pivot axis is between the intermediate wing and the outer wing; and wherein, in a working position, the second pivot axis is located close to the ground.

11. A harvesting machine according to claim 4, wherein the intermediate wing has a rear wall, the outer wing has a rear wall, and said intermediate wing rear wall and said outer wing rear wall abut one another generally over their entire height in a working position.

12. A harvesting machine according to claim 4, wherein the base cutting and intake unit has a rear wall, the intermediate wing has a rear wall, the intermediate wing rear wall and the base cutting and intake unit rear wall have adjacent ends, and the adjacent ends extend downwardly in a working position to a location between a top and bottom of the rear walls.

13. A harvesting machine according to claim 12, wherein the location between the top and bottom of the rear walls is in the upper half of the rear walls, and wherein the first pivot axis is at said location.